



1. TUNING I.F. AMPLIFIER TO 456 KILOCYCLES

- (a) Connect the output from the Signal Generator through a 60 mmfd. mica condenser to the antenna lug terminal on L 3.
- (b) Connect the Output Meter across the voice coil.
- (c) Turn the control, situated at the left on chassis (On-Off switch and Volume Control) to its maximum clockwise position and the Tuning Condenser so the plates are completely in mesh.
- (d) Adjust Signal Generator to setting of 456 Kilocycles.
- (e) Adjust both trimmers located on top of the 2nd I.F. Transformer (T2) until maximum deflection is obtained on the Output Meter.
- (f) Adjust both trimmers located on top of the 1st I.F. Transformer (T1) until maximum deflection is obtained.
- (g) Repeat the above two adjustments to determine that maximum deflection has been obtained.
- (h) Now adjust the Wave Trap Trimmer (L2), situated underneath the chassis directly below the Antenna Coil, until a minimum deflection is obtained.

N.B. After each adjustment has been made it may be necessary to re-adjust the Generator Attenuator to give a reasonable output.

2. BROADCAST BAND ALIGNMENT

- (a) Leave Generator and Output Meter connected as described in the Tuning of the I.F. Amplifier.
- (b) Adjust the Signal Generator to 1500 K.C. and the Tuning Condenser for a corresponding Dial reading.
- (c) Adjust the Oscillator Trimmer on the Tuning Condenser until maximum deflection is obtained on the Output Meter.
- (d) Now adjust the Mixer Trimmer on the Tuning Condenser until maximum deflection is obtained.
- (e) If adjustment should be necessary at the low frequency end of the broadcast band, bend the slotted sections on mixer section of the Tuning Condenser for maximum Output.

